

|   | L # | Hits       | Search Text   | DBs   | Time Stamp           |
|---|-----|------------|---|---|----------------------|
| 1 | L1  | 5915<br>53 | @pd>20031203  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>27 06:38 |
| 2 | L2  | 6100       | ((524/430) or (524/492)<br>or (524/557) or<br>(524/588)).CCLS.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>27 06:38 |
| 3 | L3  | 709        | ((427/511) or<br>(427/444)).CCLS.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>27 06:38 |
| 4 | L4  | 3041       | (428/195.1).CCLS.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>27 06:39 |
| 5 | L5  | 269        | 1 and (2 3 4)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>27 06:39 |
| 6 | L6  | 171        | 5 and (alumina or<br>silica or (aluminum or<br>silicon\$2) adj oxide or<br>bohemite or<br>pseudobochemite)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>27 06:44 |
| 7 | L7  | 105        | 6 and (crosslink\$5 or<br>cross adj link\$5)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>27 06:41 |
| 8 | L8  | 219        | 1 and (alumina or<br>silica or (aluminum or<br>silicon\$2) adj oxide or<br>bohemite or<br>pseudobochemite) and<br>(crosslink\$5 or cross<br>adj link\$5) near10<br>(alumina or silica or<br>(aluminum or silicon\$2)<br>adj oxide or bohemite<br>or pseudobochemite or<br>oxide) and binder | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>27 07:10 |

|    | L # | Hits | Search Text  | DBs   | Time Stamp           |
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| 9  | L9  | 179  | 1 and (crosslink\$5 or cross adj link\$5) near5 (alumina or silica or (aluminum or silicon\$2) adj oxide or bohemite or pseudoboemite or oxide) and binder             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>27 07:34 |
| 10 | L10 | 738  | 1 and (alumina or silica or (aluminum or silicon\$2) adj oxide or bohemite or pseudoboemite) and (crosslink\$5 or cross adj link\$5) adj agent and binder              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>27 07:40 |
| 11 | L11 | 7    | 1 and (alumina or silica or (aluminum or silicon\$2) adj oxide or bohemite or pseudoboemite) and (crosslink\$5 or cross adj link\$5) adj agent same silanol and binder | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>27 07:15 |
| 12 | L12 | 3330 | si?o?al or si?o?si   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>27 07:13 |
| 13 | L14 | 0    | 1 and (alumina or silica or (aluminum or silicon\$2) adj oxide or bohemite or pseudoboemite) and (crosslink\$5 or cross adj link\$5) adj agent same 12 and binder      | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>27 07:15 |
| 14 | L13 | 21   | 1 and (alumina or silica or (aluminum or silicon\$2) adj oxide or bohemite or pseudoboemite) same (crosslink\$5 or cross adj link\$5) adj agent same binder            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>27 07:16 |
| 15 | L16 | 313  | 10 and (inkjet or ink or recording or image) near5 (sheet or paper or substrate or medium)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>27 07:18 |

|    | L # | Hits | Search Text   | DBs   | Time Stamp           |
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| 16 | L17 | 302  | 16 not 5  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>27 07:18 |
| 17 | L18 | 2    | ("5213873").PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>27 07:33 |
| 18 | L19 | 1    | 18 and (crosslink\$5 or<br>cross adj link\$5 or<br>cur\$3)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>27 07:34 |
| 19 | L20 | 40   | 1 and (crosslink\$5 or<br>cross adj link\$5 or<br>polymer or resin) near5<br>react\$3 near5 (alumina<br>or silica or (aluminum<br>or silicon\$2) adj oxide<br>or bohemite or<br>pseudoboemite or<br>oxide) and binder | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>27 07:42 |
| 20 | L15 | 28   | crodasone   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>27 07:38 |
| 21 | L21 | 277  | silanol near3 modified<br>near5 (gelatin or<br>polyvinyl adj alcohol)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>27 07:39 |
| 22 | L22 | 4    | 6 and 21  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>27 07:39 |
| 23 | L23 | 12   | 10 and 21   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>27 07:40 |
| 24 | L25 | 18   | 1 and (alumina or<br>silica or (aluminum or<br>silicon\$2) adj oxide or<br>bohemite or<br>pseudoboemite) and<br>(crosslink\$5 or cross<br>adj link\$5) and 21   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>27 07:41 |

|    | L # | Hits | Search Text  | DBs   | Time Stamp           |
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| 25 | L26 | 6    | 25 not 23  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>27 07:41 |
| 26 | L29 | 98   | 1 and (polymer\$2 or<br>resin) near5<br>(crosslink\$5 or cross<br>adj link\$5) near5<br>(alumina or silica or<br>(aluminum or silicon\$2)<br>adj oxide or bohemite<br>or pseudoboemite or<br>oxide) and binder   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>27 07:43 |
| 27 | L30 | 132  | 1 and (polymer\$2 or<br>resin) near10<br>(crosslink\$5 or cross<br>adj link\$5) near10<br>(alumina or silica or<br>(aluminum or silicon\$2)<br>adj oxide or bohemite<br>or pseudoboemite or<br>oxide) and binder | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>27 07:43 |

|    | L # | Hits       | Search Text   | DBs   | Time Stamp           |
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| 1  | L1  | 5383<br>54 | @pd>20031203  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 10:33 |
| 2  | L2  | 6088       | ((524/430) or (524/492)<br>or (524/557) or<br>(524/588)).CCLS.              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 10:33 |
| 3  | L3  | 709        | ((427/511) or<br>(427/444)).CCLS.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 10:33 |
| 4  | L4  | 3036       | (428/195.1).CCLS.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 10:33 |
| 5  | L5  | 158        | 1 and 2   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 10:33 |
| 6  | L6  | 10         | 1 and 3   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 10:33 |
| 7  | L7  | 84         | 1 and 4   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 10:33 |
| 8  | L8  | 159        | (5 6 7) and (alumina or<br>silica or (aluminum or<br>silicon\$2) adj oxide) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 10:47 |
| 9  | L9  | 99         | 8 and (crosslink\$5 or<br>cross adj link\$5)                                | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 10:47 |
| 10 | L10 | 2          | ("5213873").PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 10:43 |

|    | L # | Hits       | Search Text   | DBs   | Time Stamp           |
|----|-----|------------|---|---|----------------------|
| 11 | L11 | 5906       | 1 and (alumina or silica or (aluminum or silicon\$2) adj oxide) and (binder or polyvinylalcohol or polyvinyl adj alcohol)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 11:40 |
| 12 | L12 | 873        | 11 and (crosslink\$5 or cross adj link\$5) adj agent  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 11:51 |
| 13 | L13 | 690        | (crosslink\$3 or cross adj link\$3) near5 react\$3 near5 ((aluminum adj oxide or silica) or filler or pigment or inorganic adj oxide)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 11:56 |
| 14 | L14 | 5606       | (aluminum adj oxide or silica ) near10 ((crosslink\$5 or cross adj link\$5) )   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 10:50 |
| 15 | L15 | 306        | ((crosslink\$3 or cross adj link\$3) near10 (si?o?al or si?o?si))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 12:07 |
| 16 | L16 | 27         | 1 and (alumina or silica or (aluminum or silicon\$2) adj oxide) same (binder or polyvinylalcohol or polyvinyl adj alcohol) same (crosslink\$5 or cross adj link\$5) adj agent | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 10:51 |
| 17 | L17 | 42         | 12 and (13 14 15)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 10:55 |
| 18 | L18 | 5408<br>96 | (inkjet or ink near jet or recording or ink) near5 (sheet or medium or substrate or paper)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 10:55 |
| 19 | L19 | 240        | 12 and 18   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 10:56 |

|    | L # | Hits      | Search Text  | DBs   | Time Stamp           |
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| 20 | L20 | 2184      | (crosslink\$3 or cross<br>adj link\$3) near10<br>silanol   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 11:36 |
| 21 | L21 | 28        | crodasone  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 11:36 |
| 22 | L22 | 8         | 12 and 20  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 11:36 |
| 23 | L23 | 6         | 1 and 21   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 11:37 |
| 24 | L24 | 1987<br>8 | (crosslink\$3 or cross<br>adj link\$3) near10<br>(aluminum adj oxide or<br>silica or filler or<br>pigment or inorganic<br>adj oxide or (aluminum<br>or alumina) adj hydrate<br>or boehmite or<br>pseudoboehmite or<br>(aluminum or silicon\$2)<br>adj oxide) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 11:56 |
| 25 | L25 | 905       | 1 and 24   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 11:39 |
| 26 | L26 | 19        | 15 and 18  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 11:40 |
| 27 | L27 | 355       | 25 and (binder or<br>polyvinylalcohol or<br>polyvinyl adj alcohol)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 11:57 |
| 28 | L28 | 99        | 11 and polymer\$2 near5<br>(crosslink\$5 or cross<br>adj link\$5) adj agent  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 11:51 |

|    | L # | Hits | Search Text  | DBs   | Time Stamp           |
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| 29 | L29 | 1431 | polymer near5 react\$3<br>near5 ((aluminum adj<br>oxide or silica) or<br>filler or pigment or<br>inorganic adj oxide)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 11:56 |
| 30 | L30 | 8370 | (crosslink\$3 or cross<br>adj link\$3 or polymer<br>or resin) near10<br>react\$3 near10<br>(aluminum adj oxide or<br>silica or filler or<br>pigment or inorganic<br>adj oxide or (aluminum<br>or alumina) adj hydrate<br>or boehmite or<br>pseudoboehmite or<br>(aluminum or silicon\$2)<br>adj oxide) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 12:08 |
| 31 | L31 | 395  | 29 and (binder or<br>polyvinylalcohol or<br>polyvinyl adj alcohol)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 11:57 |
| 32 | L32 | 2308 | 30 and (binder or<br>polyvinylalcohol or<br>polyvinyl adj alcohol)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 12:08 |
| 33 | L34 | 447  | 32 and 18  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 11:57 |
| 34 | L33 | 61   | 31 and 18  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 12:01 |
| 35 | L35 | 22   | 1 and 31   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 12:01 |
| 36 | L36 | 119  | 1 and 32   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 12:02 |
| 37 | L37 | 4977 | (polymer or resin)<br>near10 (si?o?al or<br>si?o?si or silanol)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 12:08 |

|    | L # | Hits | Search Text  | DBs   | Time Stamp           |
|----|-----|------|--|---|----------------------|
| 38 | L38 | 2924 | 37 and (aluminum adj oxide or silica or filler or pigment or inorganic adj oxide or (aluminum or alumina) adj hydrate or boehmite or pseudoboehmite or (aluminum or silicon\$2) adj oxide) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 12:08 |
| 39 | L39 | 828  | 38 and (binder or polyvinylalcohol or polyvinyl adj alcohol)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 12:09 |
| 40 | L41 | 75   | 39 and 1   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 12:09 |
| 41 | L40 | 277  | 39 and 18  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/<br>19 12:09 |